

University of Maryland at College Park

OUTLOOK

February 20, 1989

Seniors Spend Summer as Scholars

Like many students between their junior and senior year, Alexander Totz spent this past summer in Europe. But Totz wasn't just on a holiday; as director for the Experimental Theater's fall production of *Plenty*, a play by David Hare set in England during World War II, Totz was busy doing primary research in such places as the Imperial War Museum Library in London and the Bibliotheque Royale in Brussels.

Totz, who worked with Harry Elam, assistant professor of communication arts and theatre, was one of 21 UMCP seniors given the opportunity to work on a project with a faculty mentor last summer under the Senior Summer Scholarship Program. "I feel my project this summer was successful," says Totz, "and am extremely grateful to have had the experience."

Funded by the Office of the Vice President for Academic Affairs and a participating student's college or school, the Senior Summer Scholarship Program is one of president William Kirwan's five initiatives for campus enhancement. Twenty-one \$2,500 scholarships were provided last summer to outstanding students planning to go to graduate school. For summer 1989, the number of scholarships has been increased to 50.

"The goal of the program," says Susan Koonce, acting assistant dean for undergraduate studies, "is to increase students' competitiveness for graduate study."

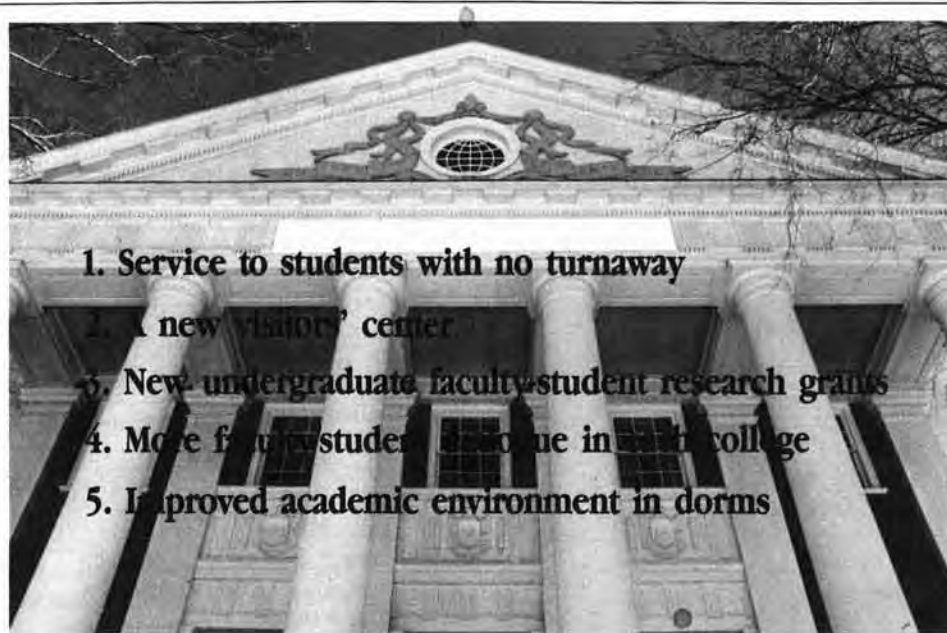
Of course, the program has also increased students' confidence. "Having worked on a long paper with my advisor, I feel much better prepared for graduate study," says Michele Gatty, who worked on "Myth and Language in *Ridley Walker*" with Verlyn Flieger, associate professor of English. "I really felt like I had enough time to explore my subject and write a well-thought-out paper."

During the summer, each student was required to write progress and summary reports of their work. Kevin Morley—who recently presented his summer report on "Excitation Energy Division in Deep-Inelastic Reactions Below $E/A=10\text{MeV}$ " to the American Physical Society's annual meeting in Santa Fe—felt the program helped push him to complete his research.

"I seriously doubt whether I would

continued on page 3

New Initiatives Aim at Creating a Better Community



1. Service to students with no turnaway
2. A new visitors' center
3. New undergraduate faculty-student research grants
4. More faculty-student dialogue in the college
5. Improved academic environment in dorms

The weather was perfect, the turnout almost 100%, and a positive spirit prevailed among the 100 or so campus leaders who gathered in Marie Mount Hall on a sunny day early last September. They were the first of two groups totaling about 200 academic and administrative leaders of the College Park community conven-

ed by the Acting President.

Kirwan's goal was ambitious—and had never before been attempted at College Park. He asked those present to begin to compile a set of initiatives that would help create a better sense of community and would be realistic enough for the entire campus to be able to accomplish as a group.

"We need to work to change the

culture, the environment, the sense of community on this campus. We have depended too long on the extraordinary energy, good will and dedication of people like you and others at the university to make the progress that we have made. What we need to do now is to institutionalize our commitment to excellence...to recognize collectively the opportunity we have to work as a whole, to strengthen our intellectual climate and our sense of community," Kirwan said.

This method of cooperative decision-making was a process unique in College Park history. In the past, the institution and individual units had established initiatives for the year, but sometimes these had been created with little or no input from units, had been too numerous to be meaningful, or had been done in isolation from other units, Kirwan explained.

"I see this specific effort as completely different. What I am asking here is that together and in the context of the present effort to enhance this campus, we decide on a limited number of things we can agree to do, things that will make this a richer

continued on page 3

University Offers New Merit Scholarships to Undergraduates

Jeff Jones was heavily recruited by other schools such as the University of Virginia and William and Mary, but Jones chose to come to College Park.

"The other schools offered me good specialized programs and courses of study," Jones explains, "but UVA and William and Mary have very few merit scholarships. Only College Park was willing to back its offer substantially with good scholarship money."

In his first semester at UMCP, Jones, who is a President's Scholar, is pleased with his decision.

"There are people who say negative things about College Park, but so far, the university has surprised me. I've found it enjoyable."

To attract top undergraduates like Jones to College Park, beginning this year the university will offer 40 new Francis Scott Key Scholarships. Unlike the old President's or Chancellor's Scholarships that they are replacing, the Francis Scott Key Scholarships of-

fer the undergraduate not only full tuition and fees for four years but room and board as well.

"We think this new program will make a difference in bringing Maryland's best students to College Park," says Kathryn Mohrman, dean for undergraduate studies.

In addition to full financial support for four years, Mohrman says that Francis Scott Key Scholars will have the option to be admitted to the Honors program and Honors housing, participate in special internships or cooperative education programs and attend a new colloquium series to build a community among the scholars and the faculty.

Mohrman says the Francis Scott Key Scholarship program was created last year to consolidate the President's Scholarships and other merit awards.

Along with the Francis Scott Key Scholarships, the university will award 20 Banneker Scholarships, for a total of 60 merit-based awards this year.

Banneker Scholarships are given to outstanding Black students.

The 60 awards to be presented this year represent a substantial increase from the past.

"Our goal is to award 60 of these merit scholarships for the next four years for a total of 240," Mohrman explains. "This should make College Park very competitive in recruiting top students."

The selection process currently is taking place for the scholars who will arrive next fall. A special ceremony is being planned for May to inaugurate the scholars.

"These scholarships will help College Park to build the intellectual and academic community we are looking for," Mohrman says. "These scholars are a joy for faculty to teach and make life on this campus so much more appealing." ■

—Jan Barkley

Inside

Graduate Women's Studies
Conference

First time at College Park.....

3

New Friends in Finland

Exchange program begins.....

5

AAAS Fellows Named

Three from UMCP honored.....

8

Research Council Cites UMCP as Leader in R&D Field

The panel on strategic electronics manufacturing technologies of the Manufacturing Studies Board of the National Research Council has issued a report titled *The Future of Electronic Assembly*. The report lists UMCP prominently as a research and design leader in the fields of design automation tools, artificial intelligence tools, data base technologies, and modeling and simulation. The report was based on a survey of major industrial and university researchers in areas of research and development.

RESEARCH HIGHLIGHTS

Graduate School Announces General Research Board Awards for 1989-1990

Last week, *Outlook* printed a partial list of the 1989-1990 General Research Board Award winners. The following is the conclusion of the list.

SUMMER AWARDS

COLLEGE OF ARTS AND HUMANITIES

American Studies

- Mary Sies, The American Suburban Ideal: The Cultural Context of Suburban Planning and Architecture in the U.S., 1877-1917

English

- Theresa Coletti, Representations of Women in Medieval English Drama
- Robert Levine, The Intoxicated Body: Temperance and American Literature from Franklin to Fitzgerald
- Howard Norman, Translation of Arctic Shaman Myths

French and Italian

- Elaine Ancewicz, A Case Study in the Theory of Literature and History: History and Poetry in Several Early Modern French and Italian Poetical and Historical Arts (from the Poeticization of History to the Politicization of Poetics)
- Joseph Bami, L'Experience Poetique d'Henri Thomas

Germanic and Slavic

- Joseph Schallert, A History of Balkan Slavic Accentuation
- Gabriele Strauch, The Construction of "The Other" in Middle German Crusade Literature

History

- Ira Berlin, The Internal Economy of Slave Society in the U.S.

- Roger Thompson, Temple Festivals, Foreign Gods, and the Local Community: an Inquiry into the Origins of Violence Against Chinese Christians in Shanxi Province, China, 1900-1901



Michael Eckersley

Housing and Design

- Michael Eckersley, The Aesthetics of Randomness: Artistic Use of the Computer for Controlled Spontaneity

Linguistics

- David Lebeaux, Anaphoric Binding

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Geography

- Paul Groves, Industrialization and the American City: Baltimore, 1860-1880

Government and Politics

- Piotr Swistak, The Emergence of Norms: A Formal Theory

Psychology

- Charles Stangor, Determinants of Social Categorization

Sociology

- Joan Kahn, The Impact of Premarital Experiences on Marital Stability

COLLEGE OF BUSINESS AND MANAGEMENT

Marketing

- Abdul Ali, Product Development Strategies Under Uncertainty in Competitive Markets

Transportation, Business and Public Policy

- Robert Windle, International Airline Productivity

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

Computer Science

- William Pugh, Stable Decomposi-

tions and Automatic Incremental Evaluation

- Paul Stotts, Parallel State Machine Programming with Petri Net Automata

Mathematics

- Garrett Stuck, Geometry of Foliations and Group Actions

COLLEGE OF EDUCATION

Counseling and Personnel Services

- Donelda Cook, Racial Identity and Problem-Solving Attitudes As Predictors of Black Students' Response to Hypothetical Incidents of Social Alienation At Two Predominantly White Universities
- Ruth Fassinger, Testing a Structural Equation Model of Risk Factors for the Development of Eating Disorders in College Women

Measurement, Statistics and Evaluation

- Jeri Benson, A Multivariate Analysis of the 1986 National Assessment of Educational Progress Database with Implications for Policy Analysis

Special Education

- David Cooper, Early Childhood Development After Dietary Chloride Deficiency in Infancy

COLLEGE OF ENGINEERING

Chemical and Nuclear Engineering

- Ali Mosleh, Study of Effectiveness of Defensive Strategies Against Common Cause Failures
- Nam Sun Wang, Development of Integrated Biosensors

Mechanical Engineering

- Henry Haslach, Jr., Prediction of Catastrophic Failure in Engineering Structures

COLLEGE OF HUMAN ECOLOGY

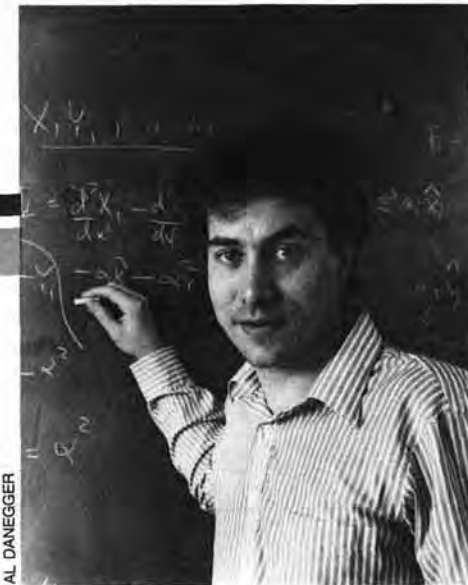
Family and Community Development

- Suzanne Randolph, Patterns of Attachment in Black American Infants
- Richard Ettenson, A Conjoint Analysis of Chinese and American Consumers' Decision-Making for "Hybrid" Products

COLLEGE OF LIBRARY AND INFORMATION SERVICES

Library and Information Services

- Jin Choi, Structural Compatibility Between Cognitive and Social Networks of AIDS Research: Linking Author Co-Citation Analysis with Blockmodeling Analysis



Howard Milchberg

COLLEGE OF LIFE SCIENCES

Chemistry and Biochemistry

- Rinaldo Poli, Oxidation of Hydro Carbons by Molybdenum (III) Compounds
- Janice Reutt-Robey, Exploring Surface Chemical Interactions at the Microscopic Level: Molecular Clusters on Single Crystal Surfaces

Microbiology

- Michael Carpage, Construction of Gene Fusions to Study Xanthan Gum Biosynthesis in *Xanthomonas Campestris*

Zoology

- Richard Highton, Contact Zone Genetic Interactions in Salamanders of the Genus *Plethodon* in Eastern North America

SCHOOL OF PUBLIC AFFAIRS

Public Affairs

- Audrey Cronin, The Superpowers and Strategic Disengagement: Neutralization in the Nuclear Era

RESEARCH SUPPORT AWARDS

COLLEGE OF AGRICULTURE

Agricultural Engineering

- Frederick Winston, Automated Orientation of Food Products

Agronomy

- Martin Rabenhorst, Rates and Processes of Pedogenesis in Soils with Indurated Spodic Horizons on the Delmarva Peninsula

Horticulture

- William Graves, Characterization of Rhythmic Root Water Transport and Stomatal Conductance in Tree of Heaven

Veterinary Medicine

- Siba Samal, Analysis of the Proteins Synthesized in Bovine Respiratory Syncytial Virus Infected Cells

COLLEGE OF ENGINEERING AND COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

Electrical Engineering and Institute for Physical Science and Technology

- Howard Milchberg, Development of a High Frequency Source of Picosecond Electron Pulses

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

A.H. Edwards, Vice President for Institutional Advancement
 Roz Hiebert, Director of Public Information & Editor
 Linda Freeman, Production Editor
 Jan Barkley, Brian Busek, Lisa Gregory, Tom Otwell & Fariss Samarra, Staff Writers
 John Fritz, Calendar Editor

Stephen A. Darrou, Design & Coordination
 John T. Consoli, Photography Coordinator
 Brian Clopper, Heather Kelly, Chris Paul, Trang Tran, Design & Production
 Al Danegger, Larry Crouse & Cindy Grim, Contributing Photography

Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor *Outlook*, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.



Wind Ensemble to Premiere Composition by Heim

The University of Maryland Symphonic Wind Ensemble, directed by John W. Wakefield, will present a free concert on Tuesday, Feb. 28 at 8 p.m. in Tawes Recital Hall. Featured will be the premiere of a composition for clarinet and winds by music faculty member Norman Heim, who will also be the clarinet soloist. The program in addition will include music by Beethoven, Holst and Hindemith. Call 454-6803 for info.

Women's Studies Group Brings National Conference to Campus

It was first held at Yale. Then came conferences at New York University, University of Pennsylvania, Princeton and Rutgers. Last year at the Rutgers conference, a small group of attendees from Maryland decided it was time for College Park. And so, based on that decision—and much subsequent hard work—the sixth annual Graduate Women's Studies Conference will take place at College Park on March 4.

Titled *Feminism as Catalyst: Bridging the Discourses of the Sciences, Social Sciences, Arts and Humanities*, the conference will bring together feminists from across the United States and abroad to explore the interdisciplinary nature of Women's Studies.

Presentations, panels and workshops will be presented from 9 a.m. to 5 p.m. in the Art/Sociology and Architecture buildings. To be discussed

are such topics as Reconceptualizing the Curriculum, Women in Developing Countries, Feminist Philosophy, Women in Science Fiction, Women and Health, and Women in the Labor Force. Twelve classrooms will be used to present programs simultaneously throughout the day. There will also be book, art and crafts exhibits. The sliding-scale \$5-\$15 registration fee covers coffee, lunch and reception.

The hard-working planners of the conference are the Graduate Women's Studies Network, a small group of mostly, but not exclusively, female graduate students from a variety of disciplines. They usually meet once a month because of a common interest in feminist politics.

Carrying responsibility for the conference has been a big but invigorating task for the group, which has met weekly since taking on the



The Graduate Women's Studies Network at a recent planning session for a national feminism conference to be held March 4 at College Park

job last April. Because of the collective nature of the conference, there is no overall chair. "With everyone contributing, all policy decision are reached unanimously," says Barbara Hopkins, a member of the network. "It slows us down, but everyone is happy about the decisions," explains Priscilla Finkenstaedt. "Even the colorful poster for the conference was a group project."

The planners have arranged for child care during the conference, signers for the hearing impaired, and shuttles to nearby accommodations. More than 400 are expected to attend the day-long event. "We would like to have more College Park involvement," says Maria Lima. "We could still use more respondents to

panels and staff for registration and campus guides. Just leave word at 454-3841 if you want to volunteer."

The network has been very pleased by the support of the College Park administration. Funding has come from Computer, Mathematical and Physical Sciences, Engineering, Agriculture, Business and Management, Journalism, Education, Public Affairs, PERH, Arts and Humanities, Behavioral and Social Sciences, Human Ecology and the Graduate School. The group is particularly grateful to Acting Dean Jacob Goldhaber. "Without his encouragement, we wouldn't have had the conference," says Lima, adding with approval, "This campus is ready for feminist change." ■

—Linda Freeman

College Park Moves Toward Building a Better Community

continued from page 1

campus community for us all," he said.

With a mandate to break up into small groups, brainstorm, and return with as creative a wish list as they could assemble of ways to make the campus more liveable, people scattered and the process of debate and discussion began.

Reconvening an hour later, each of the groups possessed a diverse array of suggestions relating to improving every conceivable aspect of campus life.

This first meeting set in motion a consensus-building process that, led by Vice Presidents Charles Sturtz and Irv Goldstein, continued throughout the fall. Gradually, a limited set of initiatives was agreed upon, and in January, 1989, the original participants assembled again to discuss the five initiatives that had risen to the top.

They are:

- To develop a campus-wide policy of service to students with no turnaway.
- To create a Visitors' Center to welcome people to campus.
- To create a greater number of one-on-one research possibilities for faculty and undergraduate students to work directly together.
- To set up mechanisms in each college and school to encourage greater student-faculty interaction.
- To enhance the academic environment of the residence halls.

On the concept of serving students with no turnaway, the initiative perhaps most difficult to implement, Sturtz said that his groups were looking at four dimensions of the issues involved in such a policy: changing attitudes toward a policy of service

with no turnaway; the tools needed to provide the staff to implement such a policy; what environmental impacts, constraints or assistance we could have for such a policy, and within these, the policies and practices that have been in place for years that may be barriers to providing service to students; and finally, an evaluation component to assess whether the new policy is effective.

Vice President Thomas discussed the initiative to create a new Visitors' Center, stating that the north gatehouse on Route One will house the proposed facility and will include parking facilities, access to information and restrooms. (The Visitors' Center will be discussed in more detail in next week's Outlook.)

Improving the academic environment of residence halls was also discussed, and Thomas cited several impending projects—a new language house and an honors dorm, among them, as steps in the right direction. He also announced that a group is taking a fresh look at programs aimed at restructuring residence halls in order to create a more academic environment.

Vice President Goldstein announced that the Office of Undergraduate Studies has initiated several new programs as part of implementing two of the new initiatives. (See accompanying articles for discussion of two new undergraduate scholarship and research projects.) Other student projects under discussion include three-on-one meetings with faculty advisors; take a faculty member to lunch; women faculty and minority faculty outreach to women or minority students; the possibility of using faculty as guides for trips, conferences or visits; and departmental faculty

presentations to student organizations.

Envisioning what could happen at College Park if these types of initiatives are successful, Kirwan has described the atmosphere that exists on the University of California Berkeley campus: "There is a sense of purpose, a sense of oneness, a sense of pride in the institution among the students, faculty, and staff...a feeling

on the part of the community that they are all making a significant contribution to something very special and very worthwhile..."

As this campus moves toward accomplishing these five initiatives this year, College Park will be taking another step toward creating a similar sense of pride and purpose, believes Kirwan. ■

—Roz Hiebert

Summer Research Prepares Undergraduates

continued from page 1

have gone to the conference if I hadn't been in the program," he says. "Once I accepted the scholarship, I felt obligated to work hard."

Alice Mignerey, associate professor of chemistry and biochemistry and Morley's advisor, also felt the program helped her. "It's nice not to have the project come out of my budget. The program freed both of us up."

Many of the students, who are in honors programs, had worked with their mentors before and intended to expand their topics into a thesis. Joann Speer, working with Paul Hanges, assistant professor of psychology, used the summer to complete the pilot study of her research on "The Accuracy of Self-Ratings in Estimation of Time Spent on Tasks."

"I was amazed the university even had this program," she says. "I've

already applied to two graduate schools and cited the Senior Summer Scholarship Program as one of my accomplishments."

For the most part, students were excited by the opportunity to work on graduate-school-like projects. "My only recommendation," says Kevin Morley, "is that summer scholars get together at the end of the summer. I would like to have seen how other students' projects turned out."

Applications for 1989 Senior Summer Scholarships can be obtained from the Office of the Dean for Undergraduate Studies, 1115 Hornbake Library. Completed applications are due no later than March 15, 1989; winners will be announced by mid-April. ■

—John Fritz

Calendar

February 20 — March 1

20 MON

Registration for Doubles Racquetball: 8:30 a.m.-6 p.m., Campus Recreation Services, Reckord Armory Lobby, registration closes Feb. 28. Call x3124 for info.

Stress Expo: 11 a.m.-5 p.m., Tortuga Room Section B, Stamp Union. Call x3444 for info.

Linguistics Lecture: "Lexical Prosodic Constituency," Sharon Inkelas, UCLA, noon, Seminar Room, Mill Bldg. Call x7002 for info.

International and Agricultural Life Sciences Colloquium: "Nigerian Agriculture and the Role of Extension Services in Promoting Agricultural Production for Export," Ola Ogunfeditimi, U. of Ibadan, Nigeria, noon, 0115 Symons Hall. Call x4933 for info.

Mathematics Student-Faculty Colloquium: "Quasi-Well-Orderings," James Owings, 3 p.m., 3206 Mathematics Bldg. Call x3762 for info.

Science and Technology in their Social Context Lecture: "Blacks and American Science: The Case of Ernest Everett Just," Kenneth R. Manning, M.I.T., 3:15 p.m., 2203 Art/Sociology Lecture Hall. Call x8862 for info.

Entomology Colloquium: "Current Status of the Formosan Subterranean Termite," Patricia Zungoli, Clemson U., 4 p.m., 0200 Symons Hall. Call x7133 for info.

Horticulture Seminar: "Regulation of Auxin Metabolism," Jerry Cohen, USDA-Agriculture Research Station, Beltsville, 4 p.m., 0128B Holzapfel Hall. Call x3606 for info.

Computer Science Colloquium: "Factoring by Electronic Mail," Arjen Lenstra, U. of Chicago, 4 p.m., 0111 Classroom Bldg. Call x4244 for info.

Space Science Seminar: TBA, 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3136 for info.

Art Exhibit and Reception: "Alfredus Williams: Spirit of Dominica," today through March 17, reception 5-7 p.m. tonight, Parents Association Gallery, Stamp Union. Call x4754 or x8309 for info.

21 TUE

Pre-Retirement Planning Seminar: Morning and afternoon sessions include "The Maryland State Retirement and Pension System," Richard Gawrych, Maryland State Retirement Agency and "The Social Security Administration," Fran Valentine, 9 a.m.-noon and 1:30-4:15 p.m., Colony Ballroom, Stamp Union. Call x6312 for info.

Physics and Astronomy Colloquium: "Quadrangle-Rosetta Stone for the e⁺e⁻ Puzzle?" James Griffin, 4 p.m., 1410-1412 Physics Bldg. Call x3512 for info.

Black History Month Film: "A Class Divided," followed by a discussion, 7 p.m., Cumberland G Lounge. Call x4276 for info.



Violist Paul Neubauer will be joined by pianist Margo Garrett for a concert Sunday, February 26, at 8 p.m. in the Center for Adult Education.

Movie: "Jean de Florette," 4:30 p.m. and 7 p.m. today, 7 p.m. through Feb. 23, Hoff Theater. Call x2594 for info.

Movie: "Cocktail," 9:30 p.m., today through Feb. 26, 4 p.m., Feb. 24, Hoff Theater. Call x2594 for info.

22 WED

Counseling Center Brown Bag Lecture: "Opportunities in Graduate Education for Minority Students: Current Issues and Looking to the Future," Dario Cortes, noon, 0106 Shoemaker Bldg. Call x2931 for info.

Astronomy Colloquium: "In, Out, and Round-About: Motion of Molecular Gas Near Massive Stars," James Jackson, Max Plank Institute fur Physik and Astrophysik, 4 p.m., 1113 Computer & Space Sciences Bldg. Call x6650 for info.

High Energy Seminar: "Direct Photon Production by High Energy Neutrinos," Theodore Lawry, U. of California, San Francisco, 4 p.m., 4220 Physics Bldg. Call x3501 for info.

Nuclear Theory Seminar: Title TBA, Norman Austern, U. of Pittsburgh, 4220 Physics Bldg. Call x3501 for info.

Talent Show: "An Evening of the Blues," 8 p.m., Denton Dining Hall. Call x4277 for info.

23 THU

Registration for Indoor Soccer: 8:30 a.m.-6 p.m., Campus Recreation Services, Reckord Armory Lobby; to join or form a team, 5 p.m., 0131 Armory, registration closes March 6. Call x3124 for info.

Meteorology Seminar: "Turbulent Waves and Coherent Structures in a Two-Dimensional Equivalent Barotropic Flow in Spherical Geometry," Joseph J. Tribbia, National Center for Atmospheric Research, 3:30 p.m., 2114 Computer & Space Sciences Bldg. Call x2708 for info.

CHPS Lecture: "Genetic Engineering and Wildlife," Margaret Mellon, National Wildlife Federation, 3:30 p.m., 1117 F. S. Key Hall. Call x2850 for info. for info.

Graduate Minority Affairs Lecture: "Academics and the Real

World," Leonard A. Blackshear, Associated Enterprises, Inc. 5 p.m. Maryland Room, Marie Mount Hall. Refreshments at 4:30. Call x4408 for info.

Reliability Engineering Lecture: "An Insider's Perspective on the Challenger Accident," Hagai Cohen, a former NASA Reliability Director, 5:15-6:15 p.m., 2115 Chemical/Nuclear Engineering Bldg. Call x1951 for info.

24 FRI

Mental Health Lunch 'N Learn Conference: "Public Education and Outreach for Depression: The Depression-Awareness, Recognition, and Treatment Program of NIMH," Harold Goldstein, National Institutes of Mental Health, 1-2 p.m., 3100E Health Center. Call x4925 for info.

Squeezed State Seminar: "Thomas Precession and Squeezed States," Y. S. Kim, 3 p.m., 1219 Physics Bldg. Call x3501 for info.

Women Studies Research Forum and Dinner: College Park faculty and graduate students will discuss their current work on "Race and Gender," 3:30-9 p.m., Maryland Room, Marie Mount Hall, 6:15-7:15 p.m., dinner at Rossborough Inn, \$23 and \$21. Call x3841 for info.

Movie: "Manon of the Spring," 7 p.m., today through Feb. 26, 4 p.m., Feb. 25, Hoff Theater. Call x2594 for info.

Movie: "Three Stooges," midnight today and tomorrow, Hoff Theater. Call x2594 for info.

25 SAT

University Community Concert: Jiuta, traditional Japanese chamber music, pre-concert symposium at 6:30 p.m., performance at 8 p.m., Center for Adult Education, \$12 & \$8. Call x6534 for info.

26 SUN

University Community Concert: Paul Neubauer, viola, and Margo Garrett, piano, will perform works by Haydn, Dale, Hindemith, Schuman, Bartok and Kreisler, 8

Back by Popular Demand: Dance Lab for Children

The dance department of the University of Maryland at College Park is resuming its Creative Dance Lab, a popular community children's dance program. Saturday classes begin February 25, 1989 for ten weeks followed by a Parents' Day and a make-up class. Children between four and sixteen years old are eligible to enter classes in Creative Dance Experiences, Basics in Modern Dance, Modern Dance Technique, and Repertory. To register, call dance faculty member Susan Haigler de Robles at the University of Maryland at College Park. For more information, call 454-4056.

p.m., Center for Adult Education, \$13 and \$11.50. Call x6534 for info.

27 MON

Registration for Singles Horseshoes: 8:30 a.m.-6 p.m., Campus Recreation Services, Reckord Armory Lobby, registration closes March 7. Call x3124 for info.

International and Agricultural Life Sciences Lecture: "Interdependency Models for Improving Extension/Research Linkages," Claude Bennett, USDA, noon, 0115 Symons Hall. Call x4933 for info.

Forum on Women's Issues in Mental Health: "Healing From Incest," Ann Collins, clinical social worker, noon, 1137 Stamp Student Union. Call x4925 for info.

Entomology Colloquium: "Bombus mori Nuclear Polyhedrosis Virus-Mediated Expression of Silkworm Genes Under Viral and Endogenous Promoter Control," Kostas Iatrou, U. of Calgary, 4 p.m., 0200 Symons Hall. Call x7133 for info.

Horticulture Seminar: "Environmental Effects on Fruit Crop Productivity," Miklos Faust, USDA-Agriculture Research Station, Beltsville, 4 p.m., 0128B Holzapfel Hall. Call x3606 for info.

Computer Science Colloquium: "Observing Dataflow Processes," Albert Meyer, M.I.T., 4 p.m., 0111 Classroom Bldg. Call x4244 for info.

Public Lecture: "The Gendering of Honeybees in Natural History and Other Imaginative Arts from Hesiod to Sylvia Plath," Yvonne Noble, SUNY, Plattsburgh, 4 p.m., 1117 Francis Scott Dey. Call x1820 for info.

Space Science Seminar: "Ionosphere-Magnetosphere Interactions," 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3136 for info.

Space Science Seminar: "Heating Without Matches in the Polar Environment," Jack Scudder, NASA, 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3501 for info.

American Studies Lecture: "Cultural Implications of Advertising and the Ad Industry in America," T. J. Jackson Lears, Rutgers U., 8 p.m., 2309 Art-Sociology Bldg. Call x2533 for info.

28 TUE

History Lecture: "Western Civilization: The Controversy over the Canon," Arthur Eckstein, noon, 2119 F. S. Key Hall. Call x2843 for info.

Astronomy and Physics Gibbs Sesquicentennial Lecture: "Gibbs' Ideas Alive in Present Day Science," Benjamin Widom, Cornell U., 4 p.m., 1410-1412 Physics Bldg. Call x3512 for info.

Women's Business and Management Panel Discussion: "Learning from Women Who Have Made It to the Top: Role Models," 5:30-7 p.m., 0220 Jimenez Hall. Call x6553 for info.

Divestment Coalition Vigil: 7-9 p.m., Hornbake Mall. Call x2670 for info.

University Theatre Production: "Endgame" by Samuel Beckett, Feb. 28-March 4 and March 7-11 at 8 p.m., March 5 and 12 at 2 p.m., Rudolph E. Pugliese Theatre, \$7 and \$5.50. Call x2201 for info.

Writers Here and Now Poetry Reading: Judith Herzberg and Shirley Kaufman will read from their works, 8 p.m., Katherine Anne Porter Room, 3rd Floor, McKeldin Library. Call x2511 for info.

Chamber Wind Concert: The University of Maryland Symphonic Wind Ensemble will perform Gustav Holst's "Moorside Suite for Brass Band," a piece by and featuring clarinetist Norman Heim, and other works by Beethoven, Hindemith and Kurka, 8 p.m., Tawes Recital Hall. Call x6803 for info.

1 WED

Divestment Coalition March, featuring Randall Robinson of TransAfrica, 11 a.m.-3 p.m., begins at the Stamp Union. Call x2670 for info.

Counseling Center Brown Bag Lecture: "Human Ecology: Thoughts on Future Directions for the College," Laura Sims, noon, 0106 Shoemaker Bldg. Call x2931 for info.

Recruitment Film Premiere: *Great Days at Maryland*, 2 p.m., Hoff Theater. Call x4536 for info.

Literary Theory Lecture: "The Contradiction of Universality and Specificity in 'Minority' Discourse," Abdul JanMohamed, U. of California, Berkeley, 3:30 p.m., 1400 Marie Mount Hall. Call x2511 for info.

Astronomy Colloquium: TBA, Kwok-Yung Lo, U. of Illinois, 4 p.m., 1113 Computer & Space Sciences Bldg. Call x6650 for info.

Improvisations Unlimited Spring Season, featuring the company's improvisational material as well as works by Beverly Blossom, Linda Caldwell and Wendy Woodson, 8 p.m., today through March 4, 2 p.m. on March 4, EE Studio Theatre, \$8 and \$6. Call x4847 for info.

Writers Here and Now Poetry Reading: Louise Glück will read from her works, 4 p.m., Art Gallery, Art/Sociology Bldg. Call x2511 for info.

* Admission is charged for this special event. All others are free.

Gardner Addresses Conference in New Zealand

Bruce L. Gardner, Dept. of Agricultural and Resource Economics, presented the opening address at the 33rd Annual Conference of the Australian Agricultural Economics Society held at Lincoln College, Canterbury, New Zealand.

Gardner's address, "International Implications of Prospective United States Farm Policies," touched on issues such as the effects of U.S. price supports, export subsidies, and import restrictions on world markets.

Until March, Gardner will meet with economists of the Australian Dept. of Agriculture and other governmental agencies in Canberra and Melbourne and will present seminars at Massey University in Palmerston, New Zealand and at Australian universities in Sydney, Armidale, Melbourne and Adelaide. General topics for both meetings and seminars will be on U.S. farm programs, optimal public spending on research, and stabilization policies.

ARTS AT MARYLAND

Sies Examines Cultural Influence of Early Suburbs

Long before Levittowns began to sprout after World War II, suburbs had taken root in the United States, says Mary Sies, assistant professor of American Studies.

And the earliest suburbs, some planned and built before the invention of the Model T, are among the most important. The first city dwellers to flee the center cities created models of suburban life and values that have lingered for nearly a century, she says.

The Americans who dwell in the suburbs today seek much the same life style as that of the suburban pioneers of the turn-of-the-century, according to Sies.

"They (the first suburbanites) developed the ideal American living environment — comprehensively planned areas with single family residences, green spaces, homogenous communities and some kind of political autonomy," she says.

Sies studied four of the earliest suburbs — Kenilworth in Chicago, Short Hills in northern New Jersey, Lake of the Isles in Minneapolis and Chestnut Hills in Philadelphia — in an effort to determine what motivated the first suburbanites to create their communities.

The research was originally written as a doctoral dissertation; Sies now is under contract with the Temple University Press to write a book on

the subject. Her dissertation, "American Country House Architecture in Context: The Suburban Ideal of Living in the East and Midwest, 1877-1917," was co-winner of the 1988 Ralph Henry Gabriel Prize for best dissertation in American Studies. Sies, who received her doctorate from the University of Michigan in 1987, joined the UMCP faculty last fall as the material culture specialist in American Studies.

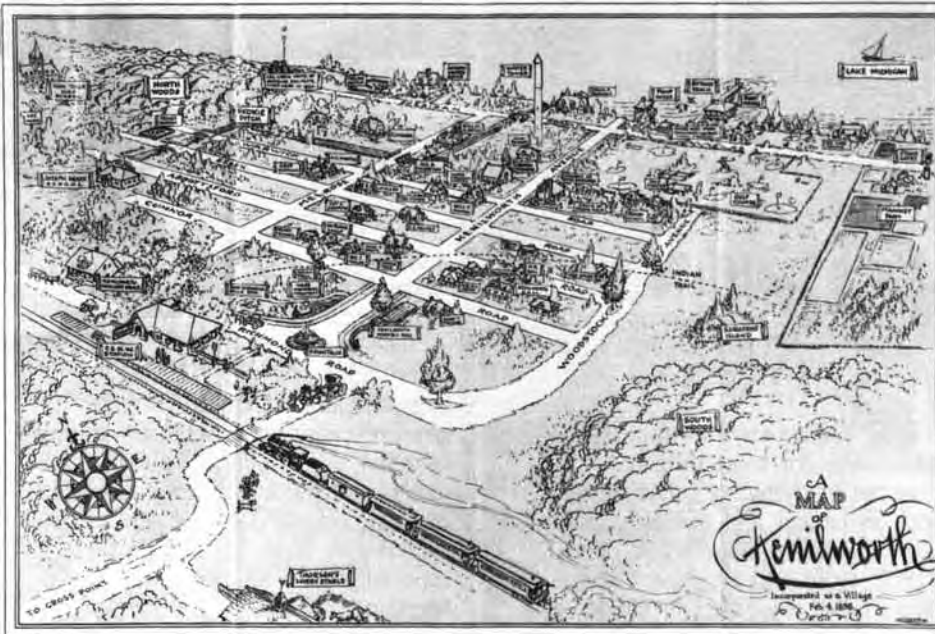
Like later suburbanites, those middle class people who left the center city at the turn of the century fled urban problems. Their desire to eliminate these problems from their new environment in large part dictated the kinds of communities they created, Sies says.

Control of neighborhood was a major consideration. In the center cities of the period, virtually no zoning laws existed. Without warning, the building next door might be converted into a tavern or factory.

Unhealthful conditions in the cities — especially for children — disturbed many who created the new suburbs, she says.

Poor sewer and water systems led to outbreaks of disease. In Chicago a theater fire killed dozens of school age children, and many families of those children left and helped create Kenilworth.

These urban problems led the new



An 1896 map of Kenilworth, Illinois, one of four early suburbs studied by Mary Sies, assistant American studies professor.

suburbanites to create comprehensively planned communities. Plans for public utilities and services such as water, sewers and schools were carefully designed to provide a healthy, controlled environment.

The suburbanites believed they had found an ideal way of life, Sies says. Moreover, they believed that they should not be content with what they found, but should share their discovery.

Through articles, speeches, at where opportunities presented themselves, the new suburbanites preached the virtues of their new communities. This advocacy of the suburban lifestyle helped spread the idea that such communities were an ideal way of life.

"They sincerely believed they had found the best way to live," Sies says.

"They made improvements in their own lives, but unfortunately they were unsuccessful in their larger goal of improving conditions for all citydwellers. The poorest people had no means of fitting themselves into this new ideal."

In conducting her research, Sies took a somewhat unusual scholarly approach. As a material culture specialist, Sies observes artifacts such as buildings and objects as primary sources for study. Standard documentation such as property records and written literature are used as supporting material.

"Like an archaeologist, one reconstructs what the people had in mind when they designed their houses and suburbs by, in large part, observing what they did," she says. ■

—Brian Busek

UMCP Begins Exchange Program With Finnish University

When Keith Olson, professor of history, went to University of Tampere in Finland for a Fulbright professorship in 1986-87, UMCP found a new friend.

UMCP and the University of Tampere began a three-year faculty exchange program this semester with the help of a \$50,000 USIA grant. This represents the first-ever exchange program between UMCP and a Finnish university. And the catalyst for the program was Olson's year of teaching 20th century American history at Tampere, Finland's second largest university with an enrollment of 12,000.

As a visiting professor, Olson

developed close contacts with Olli Vehvilainen, chair of the Tampere history department, and John Hopkins, a Tampere history professor. Through these contacts, Olson found that the Finns had a keen interest in learning more about American culture and enhancing their American studies program.

While Scandinavian studies is not a major program at UMCP, Olson and his colleagues saw areas of scholarship at Tampere that UMCP would find quite valuable, especially their Russian studies program. The Russian program at Tampere, which trains specialists in Russian translation and Soviet culture, is highly regarded by American

scholars.

After seeing common interests and an opportunity for a relationship between the two institutions, Olson, Hopkins and Vehvilainen worked together on the proposal that resulted in the USIA grant.

As a result, Tatu Vanhanen, a Finnish professor of political scientist, is on campus as the first Tampere visitor to UMCP. Jack Carr, professor emeritus of education, is at Tampere this spring teaching a class on understanding American life through American theater.

A total of 13 scholars will participate in the exchange over the next three years. Other UMCP faculty

members already scheduled to participate include Barry Pearson and Gladys-Marie Fry, both of the English department. The UMCP scholars are mostly specialists in folklore and other aspects of American culture.

While the Finnish visitors will be predominantly scholars in Russian-related areas, there also will be experts who will introduce the UMCP community to Scandinavian culture.

"This should be only a beginning," Vehvilainen said during a recent visit to UMCP. "We should continue to find common research and teaching interests and expand this program." ■

—Brian Busek

Series Looks at New Perspective in Literary Studies

A lecture series exploring arguments for studying literary works outside the traditional "canon" of recognized masterpieces continues this semester.

The series, "The Challenge of Literary Theory," focuses on literary figures, texts and theories that have become subjects as a result of a paradigm shift in literary studies, says Linda Kauffman, associate professor of

English and organizer of the series. These are some of the issues that have inspired curriculum changes at several major universities.

Abdul JanMohamed, professor of English at the University of California, Berkeley, will present a lecture on "The Contradiction of Universality and Specificity in 'Minority' Discourse" at 3:30 p.m. Wed., March 1, in Room

1400 Marie Mount Hall.

Garrett Stewart, professor of English at the University of California, Santa Barbara, will present a lecture entitled, "Reading In, Reading Out: Daniel Deronda — The Work," at 3:30 p.m. Wed., March 29, in Room 1400 Marie Mount Hall.

Jacqueline Rose, a lecturer in English at the University of Sussex,

will present a lecture on "Sylvia Plath and 'Daddy'" at 3:30 p.m. Wed., April 19, in Room 1400 Marie Mount Hall.

The series is sponsored by the Department of English and the Graduate School. For more information on the series call 454-2511. ■

Arts and Humanities Event Features Special Tour of Gallery Exhibit

The next Arts and Humanities Collegiate Encounter will be a specially conducted tour of the David Johnson exhibit in the Art Gallery on Friday, Feb. 24 at 12 noon. The tour of "Nature Transcribed: The Landscapes and Still Lifes of David Johnson," will be personally conducted by Gwendolyn Owens, who had organized the exhibit before she arrived at College Park to assume her new position as gallery director last fall. Any interested person is welcome to attend; call 454-6794 for info.

CLOSE UP

Lab Extends Health Education to All Walks of Life

One out of 19 black males will die the victim of a homicide. Compare that with a white female. Her chances of being murdered are one in 340.

This disparity is alarming. And unfortunately for most minorities, the chances of dying by other means, such as cancer and diabetes, are much greater than for their white peers.

Bob Gold and Stephen Thomas, co-directors of the Minority Health Research Laboratory, hope to decrease this disparity and help minorities live longer, healthier lives. Gold, a professor of health education, created the lab in 1986 to research ways to bring more effective health messages to Blacks, Hispanics, Native Americans and Asians.

Gold was working at the U.S. Department of Health and Human Services in 1985 when the department released a major report about the higher morbidity and mortality rates for minorities versus whites. In six areas, the rates differed dramatically—infant mortality, cancer, diabetes, cardiovascular disease, drug and alcohol abuse and violent deaths. The

report called for health educators to research ways that might reduce the differences.

"The next year when I came to Maryland, I saw that we had the largest health education program of any university in the country in terms of active students and faculty," Gold recalls. "As the largest program in the country, we needed to make a commitment to work on this problem, especially because the State of Maryland has a large number of minority individuals."

Gold got his wish and received support from then Vice Chancellor William Kirwan to create the lab. For the first year, he and a graduate student, Donna Davis, examined other health education programs across the country and then developed areas of possible focus for UMCP's lab.

Now with several staff members and research assistants, the Minority Health Research Lab's major charge is to train health educators who will make people aware of the disparities in morbidity and mortality and work to narrow the gap, Gold explains.

Currently, the lab is involved in several major research projects.

Thomas, assistant professor of community health, currently is working with a \$235,700 grant from the Robert Wood Johnson Foundation to conduct AIDS education and risk reduction in low-income, minority communities in Prince George's County. In addition, he has completed a study of smoking policies in developing countries with the American Public Health Association.

"I'm also involved in a long-term study to measure knowledge, attitudes and risk behaviors among black youths and minority communities regarding AIDS. It's sponsored by the Ohio Department of Health," says Thomas. The problem of AIDS has been added to the list since the Health and Human Services report was issued.

Gold, with a grant from the Association for the Advancement of Health Education, is evaluating the cultural sensitivity of AIDS education materials for Blacks and Hispanics.

"I'm conducting focus groups with students and teachers to find out if certain prevention messages have an effect on sexual practices and high-risk behaviors," he says.

Other research indicates that cultural barriers to health messages do exist. With Blacks, for examples, the conveyer of the message is very important. When the message is relayed through black churches and other community-based organizations, it seems to have a better effect, Thomas says. The barrier for health educators with Hispanics is that Hispanics are more likely to believe that fate determines health.

"Our biggest challenge is that minority populations are not homogeneous—they are mosaics," Gold says. "In the Hispanic population, Cubans are different from Mexicans who are different from Puerto Ricans. Native Americans differ by tribe. There are generational differences, geographical differences, gender differences."

"One general health promotion program won't work for the total minority population. It must be very specific to the different problems of different groups."

According to Thomas, research findings show that progress is being made with some diseases. Illnesses and deaths by cardiovascular disease and cancer are decreasing in minorities because health promoters are better targeting risk factors such as smoking and hypertension.

Areas that still are distressing, however, are infant mortality and homicide. The risk for a black male dying of homicide is one in 19. The risk for a black female is one in 120; for a white male, one in 121; and for a white female, one in 340. With staggering costs to society in years of life lost and medical treatment, homicide is clearly a public health issue, Thomas emphasizes.

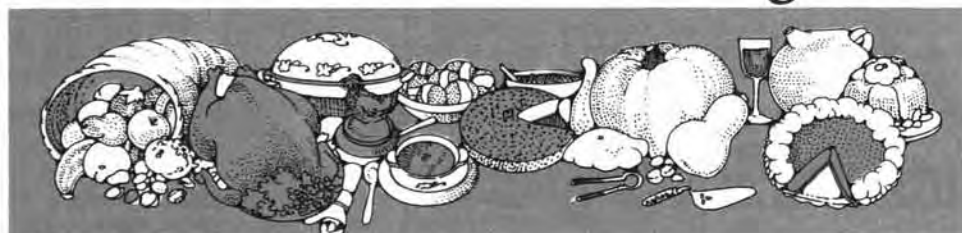
"Our impression is that violent deaths can be prevented. We need to teach people to develop conflict-resolution skills and avoid high-risk behaviors and situations where their chances of injury or death are increased," Gold says. "We have evidence that teaching young children about conflict avoidance and resolution can prevent violent death later on."

Educators also are making progress, albeit slowly, with drug abuse and AIDS. Blacks and Hispanics represent a disproportionately large number of AIDS cases. For example, 80 percent of pediatric AIDS cases are minorities. Thomas and Gold, however, are fairly confident that education programs that the Minority Health Research Lab is developing might help people change their behaviors.

"Basically," says Gold, "we want to help minority populations become healthier, be a visible and substantial contributor to research at College Park and ultimately have Maryland recognized as a leader in the field of minority health education."



Culture Gives Clues to Eating Habits



Tony Whitehead, associate professor and chairperson for the Department of Anthropology, has spent the last 12 years researching food and culture and how it relates to such health problems as hypertension, obesity and heart disease.

And he believes the best way to better educate people about health risks related to diet is by first understanding the culture in which they live.

"Before you can talk about changing someone's diet, you have to understand the social and cultural context," says Whitehead, who joined the UMCP staff last semester. "You can't tell people who have included high levels of saturated fat in their diets all of their lives to suddenly stop and expect them to do it."

One regional culture that Whitehead, who came to the university after 12 years in the Department of Health Education at the University of North Carolina Chapel Hill, has studied closely is the South where there is a high rate of health problems such as hypertension and obesity.

"The coastal communities of the Southeast states such as Virginia, North Carolina, South Carolina,

Georgia and Florida are included among what cardiovascular researchers call the 'Stroke Belt' because of the comparatively higher incidence of the condition in the region," says Whitehead.

Whitehead says that he is not necessarily condemning Southern food habits, just taking a closer look at the hows and whys of Southern eating habits.

"It is only through trying to find answers to these questions that we can begin to develop effective diet-related health promotion programs," he says.

Whitehead, a native of Southeastern Virginia, says that Southerners have stuck with a "frontier diet" long after it was no longer necessary. The diet of their ancestors required that food be heavily salted to be preserved.

The average diet of Southerners usually consists of fried and heavily salted foods and excessive sweets.

But understanding the food and culture of the South, says Whitehead, is more than just knowing what is eaten and how it is prepared.

Whitehead has looked closely at the after-church dinners and pig pickins' where the women often compete among themselves, preparing an

overabundance of food and elaborate desserts.

"The role of the mother is very important," says Whitehead. "And it's a matter of pride. If people are just going over to Mamma's after church or coming back from up North for family reunions or church homecomings, they want the old way of preparing food. They expect it."

In the South the church, especially for the Black community, plays a key role. And one way to encourage modified eating habits, says Whitehead, is through the church and the preacher.

"The church is a significant institution for the Black community, particularly in the rural South," says Whitehead. "It's a very important support system. Public health professionals are now increasing their use of the system to facilitate health related behavioral change, including dietary change. The church is the new 'fad' in public health for high risk, hard-to-reach populations."

As proven by recognizing the significance of the church, public health professionals are better understanding the culture. And that, says Whitehead, is a step in the right direction.

"You can create all kinds of changes in behavior—from smoking to diet," he says.

Even a diet that is a century or two old. "It can be done," says Whitehead. ■

—Lisa Gregory

—Jan Barkley

PERH Hooks Up Drug Prevention and Treatment Info Service

On Monday, February 27, the Department of Health Education officially will open the phone lines to the new Maryland Data Base on Drug Prevention and Treatment. That afternoon, President William E. Kirwan, health education department chair Glen Gilbert, Maryland state legislators and other dignitaries will celebrate the opening of the service which is a joint project of the university and the Governor's Office of

Justice Assistance. Through a toll-free number, 1-800-635-7619, citizens and agencies of the state can receive extensive information on drug and alcohol abuse treatment and prevention programs in the state of Maryland. Callers may receive such information as the nature, scope, religious affiliation and cost of a program's services.

COLLEGE PARK PEOPLE

Angie Bass Balances Double Life as UMCP Employee, Professional Singer

Angie Bass leads a double life of sorts.

By day she is the administrative aide in the Office of Human Relations at UMCP.

Outside of the office during nights and weekends she is Angie Bass, the performer.

Few are the times that Bass has the opportunity to combine the two. But such was the case on January 13 when Bass sang during a program to commemorate the birthday of Dr. Martin Luther King Jr.

Before misty eyes, warm smiles and eventually a standing ovation, Bass, who has performed on campus only twice before, belted out such inspiring numbers as "You'll Never Walk Alone," "Put a Little Love in Your Heart," and reaching back to the songs of her childhood, "Precious Lord."

Bass, the product of a musical family, was first encouraged to sing by her mother, a gospel singer. Before the congregation of the Emory A.M.E. Methodist Church in College Park, an enthusiastic five-year-old Angie would sing "Precious Lord" and "He's Got the Whole World in His Hands."

By the time she had reached her late teens, Bass, who grew up in Col-

lege Park, began to sing more contemporary styles of music. Off and on for the next eight years she would perform in night clubs and cabarets with such bands as the Universal Law Band and Show and the Chang Band and Show. Eventually, she was asked to join a band full-time and tour the country.

"I decided that I didn't want to do that," says Bass, who was by then employed by the university. "I just didn't like the idea of travelling all the time and living out of a suitcase, so I decided to stay where I was and do some singing on the side."

Singing on the side included jingles, studio work and more recently singing with her sister, aunt, and cousin on a record about boxing champ Sugar Ray Leonard.

"Sugar Ray is listening to the song right now, and with some luck we'll hear something in the next couple of months," says Bass, who describes the song, written by an acquaintance from her night club and cabaret days, as Top 40 with a very "easy beat to dance to."

Two years ago Bass also returned to the gospel music of her youth. She along with her sister, aunt and cousin

make up the Brooks Generation.

"I always liked gospel music," she says. "With the world the way it is now we all need to be closer to the Lord."

The Brooks Generation performs at various churches at least three Sundays out of month, says Bass.

She also performs independently at weddings, funerals and parties with husband Billy as her sound man.

But her recent performance at the King program was a special thrill. Bass says that during last year's program she was an observer. This year she wanted to take a more active role. Not only did she offer her talents as a singer at this year's King program but also served on the planning committee.

"It was really special for me," she says of performing.

Bass herself selected the three songs for the program, including her favorite hymn from childhood, "Precious Lord."

And she admits now that she was just a little nervous performing before fellow campus employees, many of whom had never heard her sing before.

"It was so quiet," she said with a



Angie Bass

chuckle. "I'm used to more of an active crowd. But after the second song, I felt a lot better. It made me feel so good the way that everyone responded."

As a result of that performance, Bass has been asked to sing at other functions.

But it is always not easy, this "singing on the side."

"It takes a lot of work—I have my job, my husband and my children," says Bass, who is the mother of a seven-year-old daughter, Sophia, and a two-year-old son, Tyrone.

But at the mention of her children, Bass smiles proudly and adds that Sophia is already "singing all the time."

At that moment there is no doubt that Bass will continue to make time for singing. After all, it's becoming a tradition. ■

—Lisa Gregory

Health Center: They Care Enough to Give the Very Best



William Hammond

"It's like being a family practitioner where you take care of the entire family, become involved with them and worry over them," Dr. Margaret Bridwell, director of the campus Health Center, once observed of her work, and that of her colleagues.

The campus health care team includes some 100 doctors, nurses, psychologists, lab and X-ray technicians, dentists, counselors, social workers, medical records specialists, health insurance clerks and a host of others who provide round-the-clock, seven day a week care in a state-of-the-art medical facility across the street from the Stamp Student Union.

"We are as comprehensive a

primary care facility as you can find anywhere," notes Stan Kinder, assistant director. The center gets between 90,000 and 95,000 clinical visits a year, primarily students, he says. Most common complaints are what you might expect in a generally young and healthy community of 35,000 individuals — flu, upper respiratory ailments, sprains, strains and bruises.

The center's services range from dental care, skin care clinic with counseling and treatment, extensive men's and women's clinics, physical therapy in the PERH building, mental health counseling, nutrition education and stress management, alcohol and drug programs and CPR training. It has an in-house pharmacy, X-ray facility and medical laboratory.

Kinder notes that the center stresses promotion of health education and wellness. It is a philosophy that is consistent with the learning environment of the university. "We are on the forward edge of the direction medicine in this country is moving," Kinder says. "That is the promotion of healthy lifestyles."

The center attempts to involve the patient to the maximum degree possible in his or her own health and wellness. The old image of "the infirmary" is changing as the general medical environment at colleges and universities is also changing.

The center also pursues a philosophy that attempts to generate what Kinder calls



Gayle Perkins

"the most bang for the buck."

"We've got to draw the line in terms of special treatment so that we can provide the most care for the greatest number of students," he says.

For the past 11 years, Frances Goldring has worked as unit administrator in the Women's Health Center. "My job is to keep the clinic operating efficiently," she says. She also serves as liaison between the women's health unit, other departments in the center and community medical resources.

Goldring, an L.P.N. who trained at the University of Virginia Hospital, notes that since 1960 her professional career has been in health care management. Before joining UMCP, she worked for Group Health and

The Washington Hospital Center, both in the District of Columbia. She makes her home in Hyattsville.

William Hammond is the center's coordinator for support services. He spent 30 years in the army first as an infantry lieutenant during the Korean War and then as an officer in the Medical Service Corps where he was involved in logistics, medical research and development and medical supply.

During the Vietnam War, Hammond, who has a degree in pharmacy, was a medical support advisor. He retired from active duty in January 1987 as a full colonel and joined the staff of the Health Center a month later. He makes his home in Greenbelt.

Gail A. Perkins, another Greenbelt resident, is a laboratory services technician at the center. She joined UMCP nearly ten years ago after earning an A.A. degree in medical technology from P.G. Community College and completing her resident training at Anne Arundel General Hospital.

"I like working for the university," she says. "It has given me an opportunity to continue my education." Perkins is working toward a B.S. degree in health services management at UMUC.

Perkins, who is on the registry of both the American Society of Clinical Pathologists and the American Society of Medical Technologists, says of the lab: "We do a real good job in serving the campus community." ■

—Tom Otwell

An Opportunity Not to Miss

Have you been hearing about *Great Days at Maryland*, the exciting new 12-minute recruiting film produced by Creative Services for the Office of Undergraduate Admissions? Would you like to see it and meet its producers and "stars?" A gala campus premiere is planned for Wednesday, March 1 at 2 p.m. in Hoff Theater, with a reception to follow in the Prince George's Room of the Student Union. Come see the film! Meet the celebrities! Don't be left out! Call 454-4536 for info.



Three UMCP Professors Elected AAAS Fellows

Three College Park professors recently were elected Fellows of the American Association for the Advancement of Science. The professors, Bruce Jarvis, Jack Minker and Edgar Young, were among 316 distinguished scientists elected as Fellows at the January AAAS meeting in San Francisco.

Bruce Jarvis is a professor of chemistry and has been teaching and doing research at UMCP since he arrived here as an assistant professor in 1967.

Since 1976, his research has concentrated on the chemistry and biology of natural products produced by plants and fungi. The research has ranged from developing natural products as anticancer agents to elucidating their roles as natural toxicants in the environment.

His recent work, funded by the Na-

tional Science Foundation, has centered on the unique interaction between some Brazilian plants and a fungus which produces a series of antibiotics that the plants appear to be capable of absorbing and using for defensive purposes.

Jarvis has co-authored two books, eight chapters in books and more than 100 research articles.

Jack Minker came to the Department of Computer Science in 1967 and has contributed greatly to the department through his research and as chair from 1974 to 1979.

Minker's research is in two major areas, databases and artificial intelligence, both of which apply techniques based on mathematical logic. He is considered a founder of deductive databases and his contributions in this area have been in explicating a theory of deductive

databases and using techniques based on logic to provide more informative answers than is possible with conventional databases.

In addition to his research, Minker is a leading scientist for human rights. He is vice-chairman of the Committee of Concerned Scientists and helped lead the successful fight to obtain human rights for such scientists as Andre Sakharov, Natan Shcharansky and Aleksandr Lerner.

Minker has edited two books and authored or co-authored more than 20 book chapters and more than 40 journal articles. For his work in human rights, the Association of Computing Machinery presented him with the Outstanding Contribution Award in 1985.

Edgar P. Young, professor of animal science, has spent 30 years at College Park working on applied research in

nutrition and physiology of swine, teaching animal agriculture courses to undergraduates, and supervising graduate students. He was chair of the Department of Animal Science from 1968 to 1982.

Young also has spent 25 years working with the Maryland Cooperative Extension Service, applying his specialized knowledge of swine to better animal production practices.

In his many years of research at College Park, Young has authored or co-authored 26 papers on swine nutrition and reproduction. He also has written articles on effective teaching of the animal sciences. He has received several awards, including the 1986 Maryland Pork Producers Association Award. ■

Bridwell Honored by Dept. of Defense

On Jan. 19, Dr. Margaret Bridwell, director of the Student Health Center, received a Dept. of Defense Certificate of Appreciation for support of the Air Force Reserves.

The 459th USAF Clinic of Andrews Air Force Base presented the award on behalf of the National Committee for Employer Support of the Guard and Reserve. Bridwell was nominated for the award by Dr. Elizabeth Jones-Lukacs, an employee and colonel in the Air Force Reserve. The award is part of a national effort to recognize supportive employers of Guardsmen and Reservists.

Physics Professor Elected to MIT Corporation

Fuad U. Muhammad, instructor in the Dept. of Physics and Astronomy, has been elected a member of the MIT Corporation. Muhammad received his Ph.D. in physics from MIT in 1987. He is one of only five people in the 74-member Corporation who are recent graduates. At UMCP, Muhammad teaches elementary electricity and magnetism, waves and oscillations, and elementary thermodynamics.

Counseling Center Professor Attends Amsterdam Conference

Margaretha S. Lucas, assistant professor and acting assistant director of the Counseling Center, was a representative for the U.S. at the International Congress on Mental Health Care for Women held in Amsterdam Dec. 19-22. She also gave a presentation titled, "Having Clear Career Goals: Can It Be Facilitated." The congress was attended by nearly 500 mental health professionals from around the world.

Journalism Professor Interviewed on *Nightline*

Maurine Beasley, professor, College of Journalism, was interviewed on the CBS News *Nightline* program on the role of Barbara Bush as First Lady. The interview aired Jan. 16.

Union Smoking Policy Changed

Recently the Union Advisory Board changed the smoking policy at the Union to allow smoking in the Macke Room only. Smoking is no longer permitted in the eating areas or the Atrium. Smoking is still permitted in private offices, student organization offices when all tenants agree, and in reserved spaces when the event sponsor approves.

Engineering Professor Appointed to Task Force

Bilal M. Ayyub, associate professor, Dept. of Civil Engineering, was appointed to the American Society of Mechanical Engineers task force on Risk-Based Inspection Guidelines. This task force will recommend state-of-the-art methods for establishing inspection guidelines for structural systems using risk-based results. Ayyub is the only faculty represented on this seven person task force.

McCuen to Serve as Acting Director of General Honors

Richard McCuen, professor, Dept. of Civil Engineering, will serve as Acting Director of the General Honors Program through the spring semester. He will be replacing John Howarth, professor of physics, who retired in December. McCuen currently serves as the director of honors in the College of Engineering, and has been an active member of advisory commit-

tees for the General Honors Program. His broad range of interests include ethical and humanistic issues as well as science and technology. He co-edited a 1987 book, *Social Responsibilities in Engineering and Science* with James M. Wallace, professor, Dept. of Mechanical Engineering.

Durelli Takes Home Engineering Award

August J. Durelli, professor, Dept. of Mechanical Engineering, has received the Enrique Butty Award from the University of Buenos Aires for outstanding contributions in engineering science. The award was given jointly to a professor of the University of California Berkeley.

Spring Dance Recital



Improvisations Unlimited, a UMCP dance company, will present its popular improvisational exploration, "The Process" March 1-4 at 8 p.m. in the EE Studio Theater. The performance will include works by Wendy Woodson, Beverly Blossom and Linda Caldwell. Tickets are \$8 for general admission and \$6 for students and seniors.